

63-15999

Ulovich, A. I.
INCREASED SENSITIVITY AND LOWERED RESISTANCE TO NARCOTICS, SEDATIVES AND ANALGESICS IN ANOXIA. [1962] [19]p. 64 refs. FASEB manuscript no. S 143-2.
Order from OTS or SLA \$1.60

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3, p. 60-68.

DESCRIPTORS: *Anoxia, *Analgesics and antipyretics, *Narcotics, *Hypnotics and sedatives, Resistance, *Sensitivity, Toxicity.

Anoxia was induced using a mixture of nitrogen and oxygen; sodium amytal, urethane, and chloralose were injected intraperitoneally. The excitability of the pain reflex was recorded. The unanesthetized rabbits survived respiration of a gas mixture containing 13.4% (Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

- I. Ulovich, A. I.
- II. FASEB S-143-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(NY-1878)

Vladimir Kaplanovich Zhgenti (On the Occasion
of * his 70th Birthday, 4 pp.

R USSIAN, per, Arkhib Patologii, No 3, 1962,
pp 93, 94.

JPRS 15171

USSR
Biographic
Sep 62

63-15998

Grishkun, G. I.
NERVOUS STRUCTURES IN THE GRANULATION
TISSUE OF A SKIN WOUND. [1962] [18]p. 20 refs.
FASEB manuscript no. S 142-2.
Order from OTS or SLA \$1.60 63-15998
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3,
p. 53-60.

DESCRIPTORS: Nervous system, *Tissues (Biology),
*Skin, *Wounds, *Nerves, Morphology, Healing,
*Regeneration.

A study of the regeneration of the nervous elements of
granulating wounds must consider the genesis of the
wound (mechanical injury, burn, opening of an abscess),
the course of the wound (normal or delayed healing), and
its character (complicated or uncomplicated). Regener-
ation of nerve fibers was not detected in any preparation
from wounds after surgery; changes were observed in
(Biological Sciences--Pathology, TT, v. 10, no. 7)
(over)

- I. Grishkun, G. I.
- II. FASEB S-142-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-19000

Tsibel', B. N.

A METHOD OF DEMONSTRATING THE BASAL MEMBRANES AND CONNECTIVE TISSUE OF THE RENAL GLOMERULUS. [1962] [7]p. 6 refs. FASEB manuscript no. S 144-2.

Order from OTS or SLA \$1.10

63-19000

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3, p. 77-79.

DESCRIPTORS: *Biological strains, Histological sections, Morphology, *Kidneys, *Tissues (Biology), *Membranes (Biology)

(Biological Sciences--Medical Specialties, TT, v. 9, no. 10)

- I. Tsibel', B. N.
- II. FASEB S-144-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

63-15429

Likht, L. L.
PATHOGENESIS OF ACUTE CORONARY INSUFFICIENCY AND MYOCARDIAL INFARCTION IN HYPERTENSION. [1962] [13]p. (figs. omitted) 38 refs. FASEB manuscript no. S 61-2.
Order from OTS or SLA \$1.60 63-15429
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4, p. 32-37.

DESCRIPTORS: Pathology, *Blood circulation, *Heart, *Cardiac muscle, Thrombosis, *Necrosis, *Hypertension, Arteriosclerosis.

Acute coronary insufficiency, coronary thrombosis, and myocardial infarction in hypertension usually develop against a background of coronary atherosclerosis. The most important pathogenic factor in the de- (Biological Sciences--Pathology, TT, v. 9, no. 9)(over)

- I. Likht, L. L.
- II. FASEB S-61-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

A Case of Berylliosis of the Lungs, by A. I. Kanevskaya,
7 pp.
RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 4, 1962,
pp 73-77.
JPRS 27031

Sci-Biol & Med
Dec 64

270,108

63-19025

Gol'dburt, N. N.
HISTOTOPOGRAPHIC STUDY OF GASTROINTESTINAL
ORGANS. [1962] [4]p. 5 refs. FASEB manuscript
no. S 340-2.
Order from OTS or SLA \$1.10

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4,
p. 78-79.

DESCRIPTORS: *Gastrointestinal system, *Histology,
Freezing, Stomach, Intestines, Gelatin, Leukocytes,
Biological stains.

Goldmann's staining method was modified to examine
large fragments of the walls of the stomach and in-
testine and the vermiform appendix. The tissues were
mounted in gelatin and left for two days. Excess gelatin
outside the specimen can be trimmed off before the
specimen is cut on the freezing microtome. The gelatin
(Biological Sciences--Anatomy, TT, v. 10, no. 6)(over)

- I. Gol'dburt, N. N.
- II. FASEB S-340-2
- III. Federation of American
Societies for
Experimental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(DC-6947)

CONCERNING THE CANCEROGENIC PROPERTIES OF SOME
RADIOACTIVE COMPOUNDS AT A REMOTE PERIOD OF
THEIR ACTION, BY T. A. KOCHETKOVA, G. A. AVRUNINA,
N. D. SAGAYDAK, 12 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV, NO 5,
1962, PP 3-7.

JPRS 14762

SCI - MED

AUG 62

206,208

63-19378

Goncharova, V. K.
TRANSPLANTABILITY OF OVARIAN TUMORS INDUCED BY HORMONAL DISTURBANCES IN ALBINO RATS. [1963] [11]p. 20 refs. FASEB manuscript no. S 186-2.

Order from OTS or SLA \$1.60 63-19378
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 5, p. 13-18.

DESCRIPTORS: *Transplantation, *Sex glands, *Neoplasms, *Hormones, Pathology, Rats, Cells (Biology), Spleen, Corticosteroid agents, Pituitary hormones, Adrenocorticotrophic hormone.

Ovarian tumors induced in mongrel albino rats by the Blakinds' method are transplantable into castrated mongrel albino rats, both male and female. Successful transplantation was obtained in 6.6% of cases when (Biological Sciences--Pathology, TT, v. 10, no. 5)

(over)

- I. Goncharova, V. K.
- II. FASEB S-186-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Changes in the Central Nervous Systems of
Monkeys Following Infection With Various Strains of
Poliomyelitis Virus, by E. E. Rozina, A. M.
Amchenkov, 7 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 5,
1962, pp 57-63.

ATS-57P66R (RJ-4213)

SLA 63-14379

230,616

Sci
May 63

(NY-7179)

EXPERIMENTAL CANCER OF THE LUNGS, BY L. M. SHABAD,
15 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 3-12.

JPRS 15044

SCI - MEDICINE

SEP 62

210,257

63-19373

Nezhintseva, A. V.
PNEUMONIA ASSOCIATED WITH CYTOMEGALY IN
CHILDREN. [1963] [11]p. 13 refs. FASEB manuscript
no. S146-2.

Order from OTS or SLA \$1.60

63-19373

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 6,
p. 12-17.

DESCRIPTORS: *Pneumonia, Lungs, Diseases, *In-
fants, *Salivary glands, Pathology, Virus diseases,
Tissues (Biology), Cells (Biology).

Generalized cytomegaly in children during the first
months of life may follow a severe course in some
cases, and may lead to death. In children born at term
and developing generalized cytomegaly with the
presence of cytomegalic elements in the lungs, focal
pneumonias are frequently observed, with marked in-
terstitial changes, round-cell infiltration of the inter-
(Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

1. Title: Cytomegaly
- I. Nezhintseva, A. V.
- II. FASEB S-146-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Slinchenko, N. Z.
THE PATHOLOGICAL ANATOMY OF PNEUMOCOCC-
NOSIS AMONG MINERS OF THE KRIVOI ROG IRON
ORE DISTRICT. [1962] [17]p. 31 refs. FASEB
manuscript no. S 147-2.
Order from OTS or SLA \$1.60 63-19001
Figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24
no. 6, p. 21-28.

DESCRIPTORS: Pathology, Anatomy, Iron Industry,
*Pneumoconiosis, Industrial medicine, *Ores,
*Dusts, *Iron, Lungs.

The object of the present research was to investigate
the morphological changes in the lungs of miners
engaged on the principal underground trades, and to
elucidate certain problems in the morphogenesis of
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-19001

- I. Slinchenko, N. Z.
- II. FASEB S-147-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Pathomorphology of Lungs in Leukoses of
Children, by Yu. G. Yudin.
RUSSIAN, per, Arkhiv Patologii,
Vol XXIV, No 6, 1962, pp 35-41.
NII 11-52-64

Sci- B&H
Jul 65

286,186

Barilyak, R. A.
THE MORPHOLOGY AND ORIGIN OF THE
MIKULICZ CELLS. [1963] [14]p. (figs. omitted)
47 refs. FASEB manuscript no. S 149-2.
Order from OTS or SLA \$1.60 63-19374

Trans. of Arkhiv Patologii (USSR) 1962, v. 24,
no. 6, p. 41-47.

DESCRIPTORS: Morphology, *Cells (Biology),
*Histological techniques, Leukocytes, Phagocytosis,
Diagnosis, Tissues (Biology).

The cytological method is very convenient for
studying the cells of the scleromatous granuloma
and for diagnosing the disease. According to cytol-
ical investigations, Mikulicz cells are larger than
reported in the literature; they may attain a diameter
of 60 μ or more. As a rule the nucleus of the
(Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

63-19374

1. Title: Mikulicz cells
2. Title: Scleroma
- I. Barilyak, R. A.
- II. FASEB S-149-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(NY-7179)

IMMUNOMORPHOLOGY OF CERTAIN ENDOCRINE GLANDS,
BY I. I. FINKEL', 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 53-60.

JPRS 15044

SCI - MEDICINE

SEP 62

210,258

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800019-7

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800019-7

S-539/62

On the Pathogenesis of Atherosclerosis in the Light
of Morphological Information, by I. V. Davydovskiy,
L. A. Gulina, A. I. Ozaray. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 10-18.

~~8~~JPRS 15,985

Sci - MED

7 Sep 62

63-19365

Agapova, E. N.
ATHEROSCLEROTIC CHANGES IN THE DISTAL
PORTIONS OF CORONARY VESSELS OF THE HEART
AND IN THE MYOCARDIUM. [1963] [21]p. (figs.
omitted) 43 refs. FASEB manuscript no. S 319-2.
Order from OTS or SLA \$2.60 63-19365
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 7,
p. 19-26.

DESCRIPTORS: *Atherosclerosis, *Blood vessels,
*Heart, Arteries, Muscles, Growth, Edema.

In stenosed atherosclerosis of the coronary arteries,
plaques are found up to the middle third of the descend-
ing branches. The lower third exhibits pyknosis of the
endothelium, thickening of the intima, and sclerosis
of the vascular walls. A variety of changes, often
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

- I. Agapova, E. N.
- II. FASEB S-319-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-23026

Gornak, K. A. and Yastrebaova, N. L.
MORPHOGENESIS OF EXPERIMENTAL ATHERO-
SCLEROSIS IN DOGS (HISTOCHEMICAL INVESTIGA-
TION). [1963] [26]p. 15 refs. FASEB manuscript
no. S 321-2.

Order from OTS or SLA \$2.60 63-23026
figs available separately on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 7,
p. 34-42.

DESCRIPTORS: Morphology, *Atherosclerosis, Dogs,
Histology, Cells (Biology), Blood vessels.

The highly varied changes noted in the walls of blood
vessels in experimental atherosclerosis (in the form
of tissue disorganization, reaction to this disorganiza-
tion, and regeneration of structural elements) are
caused both in infiltration of lipids from the blood and
by metabolic disturbances in the vascular wall proper
(Biological Sciences--Pathology, TT, v. 10, no. 7)

(over)

- I. Gornak, K. A.
- II. Yastrebaova, N. L.
- III. FASEB S-321-2
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

s-539/62

Atherosclerotic ~~in~~ Infection of the Vessels
During Cancer (Statistical Investigation), by
P. N. Sementsov. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 49-54.

*JPRS 15,985

Sci - M^d

7 Sep 62

Biological Aspects of Compensatory Adaptive
Processes by I. V. Davydovskiy, 19 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIV,
No 8, 1962, pp 7-18.

JPRS 15621

Sci - Biol, Med
Oct 62

212,575

Kolmer, A. N., Lyudkovskaya, I. G., and
Vernushchagin, N. V.
THE PATHOGENESIS AND MORPHOLOGY OF
CEREBROVASCULAR DISTURBANCES DUE TO
LESIONS OF THE CAROTID AND VERTEBRAL
ARTERIES. [1963] 16p. (figs. omitted) 28 refs. FASEB
manuscript no. S 189-2.
Order from OTS or SLA \$1.60 63-19380
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 8,
p. 18-26.

DESCRIPTORS: Pathology, Etiology, Morphology, Blood
vessels, *Brain, *Arteries,

Various forms of lesions of the carotid and vertebral
arteries are found in more than half the number of
persons dying from cerebrovascular disturbances. Com-
(Biological Sciences--Pathology, TT, v. 10, no. 4)
(over)

63-19380

1. Title: Carotid artery
2. Title: Vertebral artery
- I. Kolmer, A. N.
- II. Lyudkovskaya, I. G.
- III. Vernushchagin, N. V.
- IV. FASEB S-189-2
- V. Federation of American
Societies for Ex-
perimental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-17973-5
(p. T918-T922)

Mikhlin, S. Ya.

EFFECT OF EXPERIMENTAL FOLIC ACID DEFICIENCY (CAUSED BY AMINOPTERIN) ON ENZY-MATIC SECRETION OF THE MAIN DIGESTIVE GLANDS. 1963, 5p

Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 9, p. 24ff. (Abstract available)

DESCRIPTORS: *Folic acid, *Deficiency diseases, Enzymes, Secretion, Gastrointestinal system, *Anti-metabolites, *Drugs

Taking into consideration the nature of the action of analog antagonists of folic acid such as aminopterin, and also the data in the literature on the basic similarity of the effects of aminopterin and alimentary folic acid de- (Biological Sciences, TT v. 11, no. 1) (over)

- I. Title: Aminopterin
- I. Mikhlin, S. Ya.
- II. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

Lobko, A. F.

KARYOMETRIC INVESTIGATIONS OF LIVER TAP
MATTER IN DISEASES OF THE DIGESTIVE TRACT.
[1963] [17]p. 8 refs. FASEB manuscript no. S 381-2.
Order from OTS or SLA \$1.60

63-23029

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 9,
p. 33-39.

DESCRIPTORS: *Mitosis, *Cells (Biology), *Liver,
Diagnosis, Diseases, Gastrointestinal system,
*Histological techniques.

Karyometry together with morphological, laboratory,
and general clinical investigation of liver tap matter
may facilitate the differential diagnostics of a number
of diseases of the organs of the abdominal cavity. The
karyometric curve in cancer of the stomach and of the
pancreas without metastases to the liver is commonly
(Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-23029

- I. Lobko, A. F.
- II. FASEB S-381-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica Inc.,
Washington, D. C.

Office of Technical Services

Lagova, N. D. and Konoplev, V. P.
MORPHOLOGICAL CHANGES IN A TRANSPLANTABLE
CARCINOMA OF THE MAMMARY GLANDS OF RATS
(CMR-1) AFTER HORMONE THERAPY. [1963] [16p]
(figs omitted) 32refs FASEB Manuscript no. S 18-3.
Order from OTS or SLA \$1.60 63-23881
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 33-44.

DESCRIPTORS: Morphology, *Carcinoma, *Mammary
glands, Fats, *Hormones, Therapy, *Antineoplastic
agents, Testosterone, Stilbestrol derivatives

Rats with transplantable mammary gland tumors from
the second, eighteenth and thirty-second generations w
were treated before and after ovariectomy with synest-
rol, cortisone and testosterone. One group received
testosterone following removal of the adrenal glands.
(Biological Sciences--Pathology, TT, v. 10, no. 12)(over)

63-23881

- I. Title: Synestrol
- I. Lagova, N. D.
- II. Konoplev, V. P.
- III. FASEB S-18-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Aptekar', S. G.

RIBOFLAVIN CONTENT IN ORGANS OF RATS WITH
TRANSPLANTED TUMORS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963,
v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 45ff. (Abstract available)

DESCRIPTORS: *Riboflavin, Vitamin B complex,
*Tumors, Transplantation, *Cancer, Liver, Kidneys,
Heart

Transplantation of ascites hepatoma C into rats causes
a decrease in the riboflavin content of the liver, kidneys
and heart. The concentration of FAD is decreased in
these organs; the concentration of free riboflavin and
FMN is unchanged. Transplantation of Yoshida s
(Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-17973-5
(p. T923-T927)

- I. Aptekar', S. G.
- II. Federation of American
Societies for Experimental Biology,
Washington, D. C.

Office of Technical Services

Gladshstein, A. I.

PAS-POSITIVE SUBSTANCES AND ACID POLYSACCHARIDES IN THE SYNOVIAL FLUID IN SOME PATHOLOGICAL PROCESSES IN THE KNEE JOINT. [1963] [14p] (figs omitted) 20 refs

FASEB Manuscript no. S 21-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-23880
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10, p. 64-69. (Abstract available)

DESCRIPTORS: *Aminosalicylic acid, *Mucopolysaccharides, *Joints (Physiology), Legs, *Body fluids, Cells (Biology)

PAS-positive substances were found in the cytoplasm of the cells (neutrophils, monocytes, histiocytes, macrophages) of the synovial fluid but not in the intercellular substance. The character of the distribution and the (Biological Sciences--Pathology. TT, v. 11, no. 6) (over)

TT-63-23880

- I. Title: Synovial fluid
- I. Gladshstein, A. I.
- II. FASEB S-21-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Balachanu, M., Biner, Zh., and Krishan, O.
A METHOD OF CULTURING TUMORS IN CHICK
EMBRYO (K Metodike Kul'tivirovaniya Opukholei v
Kurinom Embrione). [1963] [8]p. 18 refs. FASEB
manuscript no. S 22-3.

Order from OTS or SLA \$1.10

63-23058

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 80-82.

DESCRIPTORS: *Histological techniques, *Tumors,
Tissue cultures, Embryonated egg technique, Tissues
(Biology), Cells (Biology), *Transplantation, Growth.

In order to study the antitumoral action of different sub-
stances on the development of tumors transplanted into
the egg during incubation, it is necessary to use a
method giving a high percentage of positive transplanta-
tions. Homogenization of the tumor tissue with Potter's
apparatus considerably facilitates transplantation and
simultaneously increases the percentage of takes.
(Author)

63-23058

- I. Balachanu, M.
- II. Biner, Zh.
- III. Krishan, O.
- IV. FASEB S-22-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology,
TT, v. 10, no. 7)
Office of Technical Services

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TT-63-17074-5
(p. T850-T851)

Ivanov, A. E.
ASEPTIC INFLAMMATION IN THE LUNGS IN ACUTE
RADIATION SICKNESS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963,
v. 22, no. 5, pt. 2, \$2.00

1. Ivanov, A. E.
2. Ivanov, A. E.
3. Ivanov, A. E.
4. Ivanov, A. E.
5. Ivanov, A. E.
6. Ivanov, A. E.
7. Ivanov, A. E.
8. Ivanov, A. E.
9. Ivanov, A. E.
10. Ivanov, A. E.

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 31ff. (Abstract available)

DESCRIPTORS: *Inflammation, *Lungs, Radiation ef-
fects, Radiation sickness, Leukocytes

Inflammation in the lungs of irradiated rabbits at the
site of turpentine injection has much in common with
inflammatory changes arising in other tissues and
organs during local irradiation or acute radiation sick-
ness. The fact that the inflammatory changes under
different conditions of irradiation are similar in type
(Biological Sciences, TT, v. 11, no. 1) (over)

Office of Technical Services

TT-64-13502

Lebedeva, G. A.

DEVELOPMENT OF INTESTINAL POLYPOSIS IN
RATS UNDER THE INFLUENCE OF RADIOACTIVE
CERIUM. [1963] [12p] 30refs FASEB manuscript
no. S 88-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13502
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 29-34.

DESCRIPTORS: *Intestines, Radioactive isotopes,
*Cerium, *Carcinogenic agents, Inflammation,

- I. Title: Polyposis
- I. Lebedeva, G. A.
- II. FASEB-S-88-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(Biological Sciences--Pathology, TT, v. 11, no. 9)

63-23844

Afrikanova, L. A.
SKIN REPAIR AFTER ACUTE RADIATION NECROSIS.
[1963] [11]p. 9 refs. FASEB manuscript no. S 90-3.
Order from OTS or SLA \$1.60 63-23844

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 42-46.

DESCRIPTORS: *Skin, Wounds and injuries, *Ra-
diation sickness, *Necrosis, Radiation effects,
*Healing.

The development of a focus of radiation necrosis is
characterized by a slow tempo, the absence of a clear
cut picture of inflammation, and the development of
necrotic changes in the zone of injury. At the time of
formation of a focus of radiation necrosis, ready-
formed layer of proliferating epidermis and young
connective tissue are present at its edges and base. A
(Biological Sciences--Radiobiology, TT, v. 10, no. 11)
(over)

- I. Afrikanova, L. A.
- II. FASEB S-90-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-23843

Moliseev, E. A., Shurygin, D. Ya. and others.
THE EFFECT OF CYTOSTATIC SUBSTANCES ON
THE ORGANS OF INTERNAL SECRETION. [1963]
[12]p. 11 refs. FASEB manuscript no. S 91-3.
Order from OTS or SLA \$1.60 63-23843
Figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 57-63.

DESCRIPTORS: *Endocrine glands, Drugs, *Myleran,
Leukemia, Toxicity, *Tolerances (Physiology), Cells
(Biology), *Antineoplastic agents

The character of the morphological changes in the
endocrine glands, and their severity depend on the type
of cytostatic substance, its dose and the duration of its
action, and also on the individual peculiarities of the
organism. After the brief administration of therapeutic
(Biological Sciences--Pharmacology, TT, v. 10, no. 11)
(over)

1. Title: Chlorbutin
2. Title: Cytostatic agents
3. Title: Embichin
- I. Moliseev, E. A.
- II. Shurygin, D. Ya.
- III. FASEB S-91-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Lebedeva, G. A. ,
DAMAGE TO THE GASTROINTESTINAL TRACT IN
CHRONIC RADIATION SICKNESS PRODUCED BY RE-
PEATED X-IRRADIATION. [1963] [14p] 11 refs
FASEB Manuscript no.: S 145-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24467
figs. available on loan from OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 21-26. (Abstract available)

DESCRIPTORS: Radiation effects, X-rays, *Gastro-
intestinal system, *Radiation sickness.

Sclerotic changes, disturbances in the neurovascular and
lymphatic apparatus and changes in the cell composition
of the stroma were discovered in the stomach and intes-
tines of dogs in chronic radiation sickness and radiation
leukemia produced by repeated exposure to X-rays in a
total dose of 1540 - 6950 r. In addition to the general
disturbances certain special features in the damage to
(Biological Sciences--Radiobiology, TT, v. 11, no. 6) (over)

TT-63-24467

- I. Lebedeva, G. A.
- II. FASEB-S-145-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Soboleva, A. D.
ORGANOSPECIFIC FEATURES OF PULMONARY
CONNECTIVE TISSUE REACTIONS IN LEUKEMIA,
CANCER AND NONSPECIFIC CHRONIC INFLAMMA-
TION. [1963] [18p] 17refs FASEB Manuscript no.:
S 146-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24468
figs. available on loan from OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 26-[31]. (Abstract available)

DESCRIPTORS: *Connective tissues, *Lungs,
*Leukemia, *Cancer, Inflammation, Antigen-antibody
reactions,

Two types of connective tissue (fibrous and definitive
reticular) can be distinguished in the lungs. Both types
of tissue have distinctive biological reactions.
Cellular-hyperplastic reactions are concentrated in
(Biological Sciences--Pathology, TT, v. 11, no. 5)
(over)

TT-63-24468

- I. Soboleva, A. D.
- II. FASEB-S-146-3
- III. Federation of American
Societies for Experimental
Biology, Washington,
D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-24469

Gusman, V. S. and Migulina, T. V.
MORPHOLOGY OF THE VACCINAL PROCESS IN
GUINEA PIGS INOCULATED WITH DIPHThERIA-
PERTUSSIS AND PERTUSSIS VACCINES AND
DIPHThERIA TOXOID. [1963] [16p] 35refs FASEB
Manuscript no.: S 147-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24469
figs. available on loan from OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 32-38. (Abstract available)

- I. Gusman, V. S.
- II. Migulina, T. V.
- III. FASEB-S-147-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

DESCRIPTORS: *Vaccines, Immunity, *Antigen-
antibody reactions, Toxins and antitoxins, *Diphtheria
toxoid, Diphtheria, *Whooping cough, Morphology
(Biology).

Following the administration of diphtheria-pertussis
or pertussis vaccine and of diphtheria toxoid to guinea
pigs, changes concerned with the morphology of the
(Biological Sciences--Pathology, TT, v. 11, no. 5)
(over)

Office of Technical Services

THE SIGNIFICANCE OF PLASMA CELLS IN ANTIBODY
FORMATION PROCESS DURING IONIZING RADIATION,
BY L. G. KOVTUNOVICH, A. YU. RUBNITSKAYA, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 12, 1962, PP 15-21.

JPRS 18020

SCI - BIOL - MET SC

MAR 63

224,925

CYCLIC CHANGES IN THE HAIR FOLLICLES AND THEIR
ROLE IN EXPERIMENTAL CARCINOGENESIS, BY
V. S. TURUSOV, 19 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 1,
1963, PP 3-13.

JPRS 18656

SCI - BIOL-MED SCI

APR 63

228,365

Amelin, A. Z., Anshelevich, Yu. V., and
Melzoba, M. Ya.

EXPERIMENTAL INFARCTION-LIKE CHANGES IN
THE MYOCARDIUM BROUGHT ABOUT BY ISADRIIN
(ISOPROPYLNORADRENALIN). [1963] [14p] 14refs

FASEB manuscript no. S 156-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13507

figs available on loan from OTS

Trans. of Arkhiv Biologii (USSR) 1963, v. 25, no. 1,
p. 25-29.

DESCRIPTORS: *Heart, *Necrosis, Drugs,
Obstruction (Physiology), Coronary vessels,
Epinephrine.

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13507

1. Title: Isadria

2. Title: Isopropylnor-
adrenalin

I. Amelin, A. Z.

II. Anshelevich, Yu. V.

III. Melzoba, M. Ya.

IV. FASEB-S-156-3

V. Federation of American
Societies for Experi-
mental Biology,

Washington, D. C.

VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

MI- 13602

11 Ju 67

study of the carcinogenic activity of polyoma
viruses in rats. Preliminary analysis of morphologic
changes by T.D. Gerdolov, & P.I. Adzhigitov,
pp 40-46,
Arkhiv Patologii, vol.25, Moscow, 1963
Based on
USSR/Sci-Med-Ad
pp=

10/11

TT-63-24472

Dyshlovoi, V. D.

THE STATE OF THE NERVOUS APPARATUS OF
CERTAIN INTERNAL ORGANS OF MICE IN TRANS-
PLANTABLE MALIGNANT TUMORS. [1963] [14p]
8refs FASEB Manuscript no. S 159-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24472
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 1,
p. 60-65. (Abstract available)

DESCRIPTORS: Nervous system, Tumors, *Cancer,
Transplantation, *Autonomic nervous system, Tissue
culture, Mice.

Changes observed in the peripheral nervous system of
mice with transplantable malignant tumors are not dif-
fuse but selective. The most constant and pronounced
changes are to be found in the lungs, stomach and
muscles. (Author)

(Biological Sciences--Pathology, TT, v. 11, no. 6)

- I. Dyshlovoi, V. D.
- II. FASEB-S-159-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Vikbert, A. M., Serebrovskaya, Yu. A. and
Tlnyakov, Yu. G.
RENIN AND THE JUXTAGLOMERULAR APPARATUS
IN EXPERIMENTAL NEPHRITIS. [1963] [17p] 17refs
FASEB manuscript no. S 488-3
Order from OTS \$1.60

TT-64-13475

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 17-24.

DESCRIPTORS: *Renin, *Nephritis, Kidneys

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13475

1. Title: Glomerular
apparatus
- I. Vikbert, A. M.
- II. Serebrovskaya, Yu. A.
- III. Tlnyakov, Yu. G.
- IV. FASEB-S-488-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Braude, V. L.
RENAL PATHOLOGY IN TUBERCULOSIS (AUTOPSY
FINDINGS). [1963] [26p] 13refs FASEB manuscript
no. S 490-3.
Order from OTS, SLA, or ETC \$2.60 TT-64-13474

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 47-53.

DESCRIPTORS Diseases, *Kidneys, *Tuberculosis

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13474

- I. Braude, V. L.
- II. FASEB-S-490-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13894

Beletskaya, L. V. and [Chang, Wen-yu].
THE HISTOCHEMICAL USE OF CULTURE FILTRATES
FROM HYALURONIDASE PRODUCING STRAINS OF
STREPTOCOCCUS [1963] [16p] 7 refs FASEB
manuscript no. S 493-3.

Order from CTS, SLA, or ETC \$1.60 TT-64-13894

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 66-70.

DESCRIPTORS: Cytochemistry, *Hyaluronate lyase,
*Streptococcus, Enzymes, Biosynthesis, Culture
media.

- I. Beletskaya, L. V.
- II. Chang, Wen-yu
- III. FASEB-S-493-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Biochemistry, TT, v. 11, no. 10)

Office of Technical Services

Abdullaev, V. M.
HISTOCHEMICAL INVESTIGATIONS OF GLYCOGEN
IN EYEBALL TISSUE IN RADIATION SICKNESS.
Mar/Apr 64, 5p 22refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T287-
T291)

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 56ff.

DESCRIPTORS: Cytochemistry, *Eye, *Glycogen,
Tissues (Biology), *Radiation sickness

(Biological Sciences--Radiobiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T287-T291)

I. Abdullaev, V. M.
II. Federation of American
Societies for Experimental
Biology, Washington, D. C.

Office of Technical Services

Avksent'eva, L. I., Bykova, V. P., Bykova, Z. P.,
Lipko, T. E., and Vavilov, A. V.

A MORPHO-IMMUNOLOGICAL INVESTIGATION OF
THE KIDNEYS IN RATS WITH SELYE'S ENDO-
THELIOMYEOSIS. [1963] [10p] 13refs FASEB Ms
no. S-675-3.

Order from CTS, SLA, or ETC \$1.10 TT-64-13388
figs. available on loan from CTS

Trans. of Archiv Patologii (USSR) 1963, v. 28, no. 5,
p. 38-40.

DESCRIPTORS: *Morphology (Biology), Diseases,
*Kidneys, *Immunity, Antigens and antibodies,
Epithelium, *Nephritis

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-13388

- I. Title: Selye's
endotheliomyelosis
- I. Avksent'eva, L. I.
- II. Bykova, V. P.
- III. Bykova, Z. P.
- IV. Lipko, T. E.
- V. Vavilov, A. V.
- VI. FASEB-S-675-3
- VII. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VIII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

ON THE CLASSIFICATION OF TUMOROUS LESIONS OF
THE HEMOPOIETIC SYSTEM, BY R. D. SHTERN, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 3,
1963, PP 3-9.

JPRS 20714

SCI - BIOL & MED
AUG 63

341,925

Klosovskii, B. N. and Zhukova, T. P.
THE ACTION OF COLCHICINE ON THE PHASES OF
GROWTH OF CEREBRAL CAPILLARIES. [1963] [13p]
18refs FASEB Ms no.: S352-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13827
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 38-44.

DESCRIPTORS: *Alkaloids, Growth (Physiology), Brain,
*Capillaries, Drugs.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13827

- I. Klosovskii, B. N.
- II. Zhukova, T. P.
- III. FASEB-S-352-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800019-7

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300800019-7

TT-64-13828

Shibaeva, S. M.
AGE CHANGES AND HISTOCHEMICAL CHARACTER-
ISTICS OF LIPIDS OF HUMAN TRACHEAL CARTI-
LAGE. [1963] [13p] 7 refs FASEB Me no.: S355-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13828
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 65-70.

DESCRIPTORS: *Aging (Physiology), *Lipids,
Respiratory system, *Cartilage, Cytochemistry.

(Biological Sciences--Physiology, TT, v. 11, no. 8)

- I. Shibaeva, S. M.
- II. FASEB-S-355-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Pathology of the Pulmonary Circulation
in Congenital Cardiac Malformations
of the Fallot Type, by D. S. Sarkisov,
L. D. Krymskii.
RUSSIAN, per, Arkhiv Patologii,
Vol XXV, No 4, 1963, pp 38-44.
OTS TT-64-19651
LOAN

Sci 67

317,530

Morphological Changes in the Lung After
Ligation of Pulmonary Vein, by V. K.
Mavrin.

RUSSIAN, per, Arkhiv Patologii, Vol XXV
No 4, 1963, pp 62-69.
OTS TT-64-19652

Sci
Jan 67

317,493

DATA ON THE STUDY OF GASTRO-INTESTINAL TUMORS
INDUCED BY RADIOACTIVE CERIUM (CE^{144}), BY
G. A. LEVEDEVA, 7 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 5,
1963, PP 40-44.

JPRS 20210

SCI-MED
JULY 63

235,023

Sheyanov, G. G.
THE FUNCTIONAL STATE OF THE CELLS OF THE
ISLETS OF LANGERHANS AND THEIR REGENERA-
TION IN EXPERIMENTAL DITHIZON DIABETES.
[1963] [13p] 9 refs

FASEB Ms no.: S677-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13831
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 5,
p. 72-78.

DESCRIPTORS: Cells (Biology), *Pancreas,
Regeneration, *Diabetes, Endocrine glands,
Excretion.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13831

- I. Title: Islets of Langerhan
- I. Sheyanov, G. G.
- II. FASEB-S-677-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Anomalies of Coronary Arteries of the
Heart, by A. V. Smol'yannikov, T. A.
Naddachina, 7pp.
RUSSIAN, per, Arkhir Patologii, Vol 25, No 6,
1963, pp 3-16.
FASEB, Vol 23, No 4, Pt II.

A. V. Smol'yannikov

321,706

Sci - B & M
Mar 67

Histochemistry of Human Aortic Intima and the
Problem of Atherosclerosis, by C. Velican,
D. Velican. 7 pp.
RUSSIAN, per, Arkhir Patologiy, Vol 25, No 6,
1963, pp 16-26.
FASEB

Sci/B&M
Jul 66

305,938

TT-64-13854

Shul'tsev, G. P. and Teodori, M. I.
FOCAL HEMORRHAGES AND NECROSIS OF THE
MYOCARDIUM ASSOCIATED WITH EXCESSIVE
PHYSICAL EFFORT. [1963] [11p] 6 refs FASEB Ms
no.: S665-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13854
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 6,
p. 33-38.

DESCRIPTORS: *Hemorrhage, *Heart, *Necrosis,
*Exercise, Blood circulation.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

- I. Shul'tsev, G. P.
- II. Teodori, M. I.
- III. FASEB-S-665-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Changes in Blood Protein Fractions and Histamine
Caused by Amorphous and Crystalline Silica
(Experimental Investigation), by I. A. Gel'fon,
V. I. Fedorova. 24 pp.
RUSSIAN, per, Arkhib Patologiy, Vol 25, No 6,
1963, pp 45-52.
SLA TT-64-19208

Sci/B&M
Jul 66

305,912

TT-64-15446

Teodosiev, Lyubomir St.
EXTRARENAL HYPERAZOTEMIA IN PNEUMONIA
(EXPERIMENTAL INVESTIGATION) (K Voprosu o
Tak Nazyvamoi Ekstrarenal'noi Giperazotemii pri
Pneumoniakh (Eksperimental'noe issledovanie).
[1964] [16p] (foreign text included) 18refs FASEB Ms
no.: S668-3.

Order from OTS, SLA, or ETC \$1.40 TT-64-15446
Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 6,
p. 53-57.

- I. Teodosiev, L. S.
- II. FASEB-S-668-3
- III. Federation of American
Societies for Experi-
mental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology, TT, v. 12, no. 2)

Office of Technical Services

POSTMORTEM DISCOVERY OF RADIOISOTOPE CONTAMINATION
OF MAN, BY D. A. ULITOVSKIY, 6 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 6, 1963,
PP 67-71.

JPRS 20988

BIOL-MED
SEP 63

343,715

CHANGES IN THE PERIPHERAL NERVE TRUNKS FROM THE
EFFECT OF VIBRATION (EXPERIMENTAL STUDY), BY N. I.
KARPOVA, 6 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, NO 7, 1963, PP49-53.

JPRS 21053

MED-BIOL

SEP 63

343,868

075-43-31250
075-43-19227

NEOPLASTIC DISEASES ACCORDING TO AUTOPSY DATA OF THE
CHAIR OF PATHOLOGICAL ANATOMY OF THE FIRST MOSCOW
MEDICAL INSTITUTE FOR 20 YEARS (1939-1958), BY N. P.
VARGAREVA. 13 PP.

OL
RUSSIAN, PER, ARKHIV PATOLOGII, NO 7, 1963,
PP 72-80.

JPRS 21040

BIOL-MED
SEP 63

343,732

Anomalies of Coronary Arteries of the
Heart, by A. V. Smol'yannikov, T. A.
Maddachina, 7pp.
RUSSIAN, per, Arkhiv Patologii, Vol 25, No 6,
1963, pp 3-16.
FASEB, Vol 23, No 4, Pt II.

321,706

Sci - B & M
Mar 67

Changes in the Large Joints in Rheumatic Fever
(Histological and Histochemical Investigation),
by A. B. Shekhter. 34 pp.
RUSSIAN, per, Arkhiv Patologiy, Vol 25, No 8,
1963, pp 14-23.
SLA TT-64-19294

Sci/B&M
Jul 66

305,935

The Histochemistry of the Nucleoproteins in
Human Mammary Gland Tumors, by U. A. Gabuniya.
32 pp.
RUSSIAN, per, Arkhir Patologiy, Vol 25, No 8,
1963, pp 23-30.
SLA TT-64-19198

Sci/B&M
Jul 66

305,911

The Functional Morphology of Arteries
(An Experimental Investigation,) by
G. V. Kovalevskii. 14 p.
RUSSIAN, per, Arkhiv Patologii, Vol XXV,
1963, No 11, pp 37-43.
OTS TT-64-19656

Sci
Jan 67

317,490

Changes in the Pancreas in Myocardial
Infarction, by B. M. Shapiro.
RUSSIAN, per, Arkhiv Patologii, Vol XXV,
No 11, 1963, pp 50-58.
OTS TT-64-19657
LOAN

Jan 67

317,531

Biological Aspects in Theoretical Neuro-oncology, by
A. P. Avtsyn, 27 pp.
RUSSIAN, per, Arkhiv Psatologii, No 12, 1963, pp 3-22.

JPRS 23559

Sci - Biol
Mar 64

251, 601

The Morphology of Mammary Gland Tumors Induced with
Radioactive Niobium, by V. I. Ponomar'kov, 8 pp.
RUSSIAN, per, Arkhiv Patologii, No 12, 1963, pp 44-50.

JPRS 23559

Sci - Biol
Mar 64

251, 602

The Condition of Sensitive Innervation of the Nose and Tongue
of Dogs During Affection 2with Radioactive Strontium and Polonium
by B. I. Lebedev, 7 pp.
RUSSIAN, per, Arkhiv Patologii, No 12, 1963, pp 51-56.

JPRS 23559

Sci - Biol
Mar 64

251, 603

TT-64-12541-1 (p. T189-T193)

Bagramyan, E. R.
REACTION OF THE ADRENAL GLANDS OF HYPO-
PHYSECTOMIZED RATS TO UNILATERAL
ADRENALECTOMY, ADMINISTRATION OF EPI-
NEPHRINE, AND IRRADIATION. Jan/Feb 64, 5p
17refs

Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T189-T193)

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 59ff.

DESCRIPTORS: *Adrenal glands, Excision, Secretion,
*Pituitary gland, Epinephrine, *Radiation effects.

(Biological Sciences--Radiobiology, TT, v. 11, no. 10)

I. Bagramyan, E. R.
II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

The Close Topographic Contacts of the Membranous
Structures in Tumor Cells (Electron Micro-
scopic Investigations, by N. P. Dmitrieva,
30 pp.
RUSSIAN, per, Arkhir Patologii, Vol XXV, No 10,
1963, pp 16-24.
D OTS TT-64-19636

314,921

Dec 66

Giant Cells of Tumors, by L. L. Gol'tsman, 20 pp.
RUSSIAN, per, Arkhiv Patologii, Vol XXV, No 10,
1963, pp 24-28.
OTB TT-64-19637

314,927

Dec 66

Early Changes ~~in~~ in the Arteries in ~~MAN~~ Monkeys
with Experimental Atherosclerosis, by
E. I. Chazov, A. F. Ushkalov, et al, ~~16~~ 16 pp.
RUSSIAN, per, Arkhiv Patologii, Vol XXV, No 11,
1963, pp 29-37.
OTS TT-64-19655

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